



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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## The Eastern Iowa DX Bulletin

Number 271, April 25, 2025

**Craig Fastenow, KØCF, Editor**

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

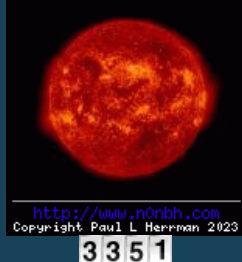
Dr. Tony Phillips' [SpaceWeather.com](http://SpaceWeather.com), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



### Solar-Terrestrial Data

26 Apr 2025 1720 GMT  
 SFI: 164 SN: 183  
 A-Index: 5  
 K-Index: 2  
 X-Ray: B9.1  
 304A: 148.5 @ SEM  
 Ptn Flx: 22  
 Elc Flx: 2130  
 Aurora: 2/n=1.99  
 Mag (Bz): 2.5  
 Solar Wind: 435.1  
 Geomag Field QUIET  
 Sig Noise Lvl S1-S2  
 Current Solar Image



<http://www.nonbh.com>  
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## DX News

**3A, MONACO.** Special event call sign **3A100A** will be QRV from **April 15th to June 30th** to commemorate the centenary of the IARU. Activity will be on 80 to 10 meters using CW, SSB, and various digital modes. QSL via LoTW.

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0627)

**3DA, KINGDOM OF ESWATINI.** David, PC4K is an engineer working at the shortwave transmitter site of Trans World Radio in Manzini, eSwatini. He received his license on April 10th and will be QRV as **3DAØPA** on the HF bands. QSL via LoTW.

-[425DXN # 1771 April 12, 2025] (0411-0502)

**5H, TANZANIA.** Chas, NK8O, operates as **5H3DX** during **April** from Zinga. QSL via [NK8O](#).

-[DXNL # 2455 April 23, 2025] (0425-0502)

**5H, TANZANIA.** Kasimir, DL2SBY will be active as **5H1KB** from Zanzibar Island (AF-032), Tanzania from **April 22nd to May 1st**. This year he will use a small antenna and low power; he plans a return visit next year with better antennas, an amplifier and a focus on 6m. QSL via LoTW, or direct to [DL2SBY](#).  
-[425DXN # 1772 April 19, 2025] (0418-0502)

**9A, CROATIA.** Special event station **9A100IARU** will be QRV from **April 1st to 30th** to celebrate the centenary of the International Amateur Radio Union. QSL via operators' instructions.  
-[ARRL DX Bulletin # 13 March 27, 2025] (0328-0502)

**A2, BOTSWANA.** Bernie, ZS4TX, will be QRV as **A21TX** from **April 23rd to 26th**. Activity mostly on 2m and 70cm EME and via satellite RS-44. QSL via LoTW.  
-[DXNL # 2455 April 23, 2025] (0425-0502)

**A2, BOTSWANA.** Luke, ZS6LUK will be QRV as **A25LUK** **until the end of April**. Activity will be on 40, 30, 20, and 10 meters using SSB and FT8. He plans to activate some POTA locations. QSL to [ZS6LUK](#).  
-[ARRL DX Bulletin # 14 April 3, 2025] (0404-0502)

**BY, CHINA.** Members of the Chinese Radio Amateurs Club are QRV as **B100IARU** **until June 17th** to commemorate the centenary of the IARU. QSL via LoTW.  
-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0516)

**C5, THE GAMBIA.** Operators YT3PL, YU5R and F5RAV will be QRV as **C5R**, with F5RAV also active as **C5LT**, from Kololi from **April 19th to May 2nd**. Activity will be on the HF bands and 6 meters using CW, SSB, FT8, and FT4, and on various Satellites. QSL C5R via [YU5R](#), and C5LT direct to [F5RAV](#).  
-[ARRL DX Bulletin # 16 April 17, 2025] (0418-0502)

**C6, BAHAMAS.** Chad, WE9V will be active as **C6ACK** while visiting "various islands" in the Bahamas from **February to May**. He will be QRV on 40-6m. He says he will eventually set up ClubLog. QSL via LoTW (preferred), or direct to [WD9DZV](#).  
-[425DXN # 1764 February 22, 2025] (0221-0502)

**CE, CHILE.** Members of the Radio Club de Chile are QRV with special event call sign **XR100IARU** **until May 20th** to commemorate the 100th anniversary of the IARU. Activity is on the HF bands. QSL via [CE3AA](#).  
-[ARRL DX Bulletin # 16 April 17, 2025] (0418-0523)

**CX, URUGUAY.** Special callsign **CX100IARU** will be QRV by members of the Radio Club Uruguayo to celebrate the centenary of the International Amateur Radio Union on **April 1st-30th**. QSL via LoTW, [CX1AA](#), or eQSL on <https://www.cx1aa.org/consulta-distintivo.php>.  
-[425DXN # 1768 March 22, 2025] (0328-0502)

**DXCC TOP TWENTY.** Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of April 24, 2025:

1. P5	DPRK (North Korea)	11. ZS8	Prince Edward & Marion Islands
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CE0X	San Felix Islands	13. VK0M	Macquarie Island
4. BV9P	Pratas Island	14. PY0S	Saint Peter And Paul Rocks
5. KH7K	Kure Island	15. KP5	Desecheo Island
6. KH3	Johnston Island	16. VP0S	South Sandwich Islands
7. 3Y/P	Peter 1 Island	17. ZL9	New Zealand Subantarctic Islands
8. FT5/X	Kerguelen Island	18. FK/C	Chesterfield Islands
9. YV0	Aves Island	19. VK0H	Heard Island
10. 3Y/B	Bouvet Island	20. FT/T	Tromelin Island

For the complete list, see <https://clublog.org/mostwanted.php>  
-[K0CF April 25, 2025] (0425-0516)

**D2, ANGOLA.** Bernie, ZS4TX will be QRV as **D2TX** from the Cuatir Nature Reserve from **April 30th to May 4th**. Activity is mostly on 2 meters, 70 centimeters EME, and on Satellite RS-44. QSL direct to [PA3CMC](#).  
-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0509)

**DL, GERMANY.** Special callsign **DMØLIMES** will be active from **May 1st to July 1st** for this year's German World Heritage Day (June 1st). Also active will be **DM3LIMES** on **May 31st - June 1st**. The Limes was the border line of the Roman Empire at its greatest extent. In 2005, the remnants of the Upper German-Raetian Limes were inscribed on the UNESCO World Heritage list as "Frontiers of the Roman Empire". QSL both via the bureau.

-[425DXN # 1773 April 26, 2025] (0425-0627)

**DL, GERMANY.** Special event station **DAØIARU** remains on the air **until April 27th** for the IARU jubilee. QSL via bureau or [DL2VFR](https://www.dl2vfr.de).

-[DXNL # 2455 April 23, 2025] (0425-0502)

**E7, BOSNIA AND HERZEGOVINA.** Special event callsign **E71ØØIARU** is QRV **until April 30th** to celebrate the centenary of the IARU. Activity is on all bands and modes. QSL via bureau.

-[ARRL DX Bulletin # 14 April 3, 2025] (0404-0502)

**EA, SPAIN.** Celebrating IARU's centenary, Spanish amateurs are allowed to replace their normal prefix from **May 1st to 15th** as follows: **EA** stations can use **AO#1ØØ**, **EB** stations can use **AN#1ØØ**, and **EC** stations can use **AM#1ØØ**, where "#" is the digit of their call area. For example, EA6VQ will use AO61ØØVQ, EB3WH will use AN31ØØWH, and EC7R will use AM71ØØR.

-[425DXN # 1773 April 26, 2025] (0425-0516)

**EA, SPAIN.** The Union de Radioaficionados Espanoles (URE, Spain's IARU member society) will celebrate the centenary of the International Amateur Radio Union on **April 15th-30th**. Look for special callsigns **AO1ØØIARU**, **AO1IARU**, **AO2IARU**, **AO3IARU**, **AO4IARU**, **AO5IARU**, **AO6IARU** (Balearic Islands), **AO7IARU**, **AO8IARU** (Canary Islands) and **AO9IARU** (Ceuta & Melilla). Several awards will be available; details will be published on <https://iaru100.ure.es/> in due course. QSL via [EA4URE](https://www.ea4ure.es).

-[425DXN # 1766 March 8, 2025] (0411-0502)

**ER, MOLDOVA.** Special callsign **ER1ØØIARU** by the Amateur Radio Society of Moldova (ARM) celebrates the 100th anniversary of the IARU **until April 30th**. QSOs will be uploaded to LoTW, ClubLog, eQSL, QRZ Logbook and HamLog. QSL via the bureau.

-[425DXN # 1769 March 29, 2025] (0328-0502)

**F, FRANCE.** Special event callsign **TM1ØREF**, one of many celebrating the REF centenary, will be active from **April 25th to 27th**, **May 8th to 11th**, and **May 29th until June 1st**.

-[DXNL # 2455 April 23, 2025] (0425-0606)

**F, FRANCE.** Dom, F5SJB will operate CW only as **TM5RDL** on **April 16th-30th**. The special callsign commemorates Claude-Joseph Rouget de Lisle, who on the night of April 25-26, 1792, composed the words and music of the "Chant de guerre pour l'Armee du Rhin", later known as "La Marseillaise" and adopted as France's national anthem. QSL via [F5SJB](https://www.f5sjb.fr).

-[425DXN # 1771 April 12, 2025] (0411-0502)

**F, FRANCE.** Special callsigns **TM1ØØI**, **TM1ØØA**, **TM1ØØR** and **TM1ØØU** by the Radio Club Pierre Coulon (F5KMB) celebrate the centenary of the International Amateur Radio Union from **April 12th to July 13th**. QSL via eQSL only; paper cards will not be provided.

-[425DXN # 1771 April 12, 2025] (0411-0711)

**FH, MAYOTTE.** Ronan, F4LJA is QRV as **FH/F4LJA** **until May 1st**. Activity is in his spare time on 80, 60, 40, and 20 meters using mostly FT8, and possibly SSTV, with QRP power. QSL via operator's instructions.

-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0516)

**FO/A, AUSTRAL IS.** Mladen 9A2NA, Rolando 9A3MR, Kristijan 9A4WY, Livio 9A7Y, Vlatko 9A9R and Zik DK8ZZ will be active as **TX9A** from Tubuai (OC-152), Austral Islands from **April 25th to May 7th**. They will be QRV on 160-6 meters with two stations and a focus on "human modes as much as possible". See <https://austral2025.com> for more information. QSL via [ClubLog's OQRS](https://www.clublog.com) (preferred), LoTW, or via [DK8ZZ](https://www.dk8zz.com).

-[425DXN # 1767 March 15, 2025] (0425-0509)

**FR, REUNION I.** Celebrating the centenaries of the Reseau des Emetteurs Francais (REF) and the International Amateur Radio Union (IARU), Phil FR8UA and Ann FR8TZ will be active as **TO974REF** from Reunion Island (AF-016) on **May 1st-4th, May 8th-11th, May 17th-19th** and **May 29th-June 1st**. They will operate CW, SSB and digital modes on 40, 20, 15 and 10m. TO974REF participates in REF's Radio Challenge; eQSL and certificates on <https://tm100ref.r-e-f.org/>  
-[425DXN # 1773 April 26, 2025] (0425-0509)

**G, ENGLAND.** Special callsign **GBØIARU** by the Radio Society of Great Britain takes part in the celebrations of the centenary of the International Amateur Radio Union. Look for activity on **April 1st-30th**. Be aware that GBØIARU may be activated from all of the seven different DXCC Entities in the United Kingdom (England, Scotland, Wales, Northern Ireland, Guernsey, Jersey and the Isle of Man). QSL via [MØOXO's QQRS](#) and LoTW.  
-[425DXN # 1765 March 1, 2025] (0328-0328)

**GD, ISLE OF MAN.** David, MØYBC is QRV as **MDØYBC** until April 28th. Activity is on the HF bands from the eight POTA sites on the island. QSL to [MØYBC](#).  
-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0516)

**GM, SCOTLAND.** Team **MMØUKI** (GØVJG, G4PVM and MØSDV) plans to be active from the Flannan Islands (EU-118). They will depart the Isle of Lewis on the local afternoon of **April 27th** and will try and be QRV for **2-3 days** (depending on weather). They will operate SSB, CW and FT8 on 40-10 meters. QSL via [MØOXO's QQRS](#).  
-[425DXN # 1773 April 26, 2025] (0425-0502)

**H4, SOLOMON IS.** Bernhard, DL2GAC will be active again as **H44MS** from the Solomon Islands from **February 9th to May 7th**. He is usually QRV daily, with activity on 80-6 meters SSB and FT8. QSL via [DL2GAC](#).  
-[425DXN # 1761 February 1, 2025] (0207-0509)

**HI, DOMINICAN REPUBLIC.** Celebrating World Amateur Radio Day (April 18th), members of the Sociedad Dominicana de Radioaficionados (SDRA) will be active as **HIØDMRA** on **April 1st-30th**.  
-[425DXN # 1769 March 29, 2025] (0328-0502)

**HL, SOUTH KOREA.** Watch for 6K2CFI (CW), 6K2GRX (FT8) and DS4NYE (SSB and RTTY) to be active as **D84C** from Chuja Island (AS-084) on **May 1st-6th**. QSL via [ClubLog's QQRS](#), or direct to [DS4NYE](#).  
-[425DXN # 1771 April 12, 2025] (0425-0509)

**HP, PANAMA.** Special event call sign **3E7D** is QRV **until June 1st**. QSL via [HP1AVS](#).  
-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0606)

**HS, THAILAND.** Members of the Red Star Contest Club will be active holiday style as **E28AM/p** from Koh Chang (AS-125) on **April 25th-28th**. Team members are E2ØEHQ, E21LLR, E25GGT, E25KFR, E25VVE, HS1JZT, HS5NMF and IV3GMZ. They will operate CW, SSB and FT8 on 40-10 meters. QSL via [E21LLR](#), [ClubLog's QQRS](#) and LoTW.  
-[425DXN # 1767 March 15, 2025] (0425-0502)

**HS, THAILAND.** Special event station **HS1ØØIARU** will be QRV from **April 1st to 30th** to celebrate the centenary of the International Amateur Radio Union. Activity will be on the HF bands, 2 meters, and various Satellites. QSL via QQRS and LoTW.  
-[ARRL DX Bulletin # 13 March 27, 2025] (0328-0502)

**IARU 100.** More special event stations/callsigns from IARU societies celebrating the 100th anniversary of the International Amateur Radio Union include:

- \* **A41ØØIARU** by the Royal Omani Amateur Radio Society (A47RS). QRV on **April 15th-30th**.
- \* **CN1ØØIARU** by the Association Royale des Radioamateurs du Maroc (ARRAM). QRV on **April 18th-30th**. QSL via the bureau.
- \* **EIØIARU** by the Irish Radio Transmitters Society (IRTS). QRV from **April 15th to June 15th**.
- \* **VR1ØØIARU** by the Hong Kong Amateur Radio Transmitting Society (HARTS). QRV from **May to**



**December.** QSL via the bureau and LoTW.

-[425DXN # 1773 April 26, 2025] (0425-0516)

**IARU 100.** More special event stations/callsigns from IARU societies celebrating the 100th anniversary of the International Amateur Radio Union include:

- \* **4X1ØØIARU** and **4Z1ØØIARU** by the Israel Association of Radio Communication (IARC). QRV on **April 14th-25th**. QSL via [4Z5MU](#) and LoTW.
  - \* **9H6IARU** by the Malta Amateur Radio League (MARL). QRV throughout **April and May**. QSL via eQSL and LoTW.
  - \* **B1ØØIARU** by the Chinese Radio Amateurs Club (CRAC). QRV from **April 18th to June 17th**. Certificates on <https://hamaward.cloud>. QSL via [BG9GXM](#) and LoTW.
  - \* **DX1ØØIARU** from the Philippine Amateur Radio Association (PARA).
  - \* **EY1ØØIARU** by the Tajik Amateur Radio League (TARL). QRV on **April 12th-30th**. QSL via [WØVTT](#) and LoTW.
  - \* **R1ØØIARU** by Soyuz Radiolyubitelei Rossii (SRR). QRV on **April 18th-27th**.
  - \* **XR1ØØIARU** by the Radio Club de Chile. QRV from **April 15th to May 20th**.
- Digital QSLs will be available: <https://www.ce3aa.cl/xr100iaru/>.

-[425DXN # 1772 April 19, 2025] (0418-0530)

**IARU 100.** More special event stations/callsigns from IARU societies celebrating the 100th anniversary of the International Amateur Radio Union include:

- \* **4A1ØØIARU** by the Federacion Mexicana de Radioexperimentadores (FMRE). QRV on **April 8th-30th**. A digital diploma will be available, see <https://www.qrz.com/db/4A100IARU> for the details. QSL via LoTW, direct to [XE1SY](#), and via the bureau.
- \* **7Z1ØØIARU**, **8Z1ØØIARU** and **HZ1ØØIARU** by the Saudi Amateur Radio Society (HZ1SAR). QRV on **April 8th-30th**.
- \* **OC1ØØIARU** by the Radio Club Peruano (RCP). QRV on **April 14th-20th**. eQSL on <https://www.oa4o.pe>.

-[425DXN # 1771 April 12, 2025] (0411-0502)

**IARU 100.** More special event stations/callsigns from IARU societies celebrating the 100th anniversary of the International Amateur Radio Union include:

- \* **3A1ØØA** by the Association des Radioamateurs de Monaco (ARM). QRV from **April 15th to June 30th**.
- \* **9K1ØØIARU** by the Kuwait Amateur Radio Society (KARS).
- \* **HB1ØØIARU** by the Union Schweizerischer Kurzwellen-Amateure (USKA). QRV on **April 1st-30th**. A certificate will be available, see <https://www.qrz.com/db/HB1ØØIARU> for information. QSL via LoTW.
- \* **LZ1ØØIARU** by the Bulgarian Federation of Radioamateurs (BFRA). QRV on **April 1st-30th**. A certificate will be available, see <https://www.qrz.com/db/LZ1ØØIARU> for information. QSL via the bureau.
- \* **OH1ØØIARU** by the Finnish Amateur Radio League (SRAL) on **April 1st-30th**. QSO are uploaded to LoTW and ClubLog. QSL via the bureau or direct to [OH3JR](#).
- \* **OM1ØØIARU** by the Slovak Amateur Radio Association (SZR). QRV on **April 1st-30th**. QSL via LoTW, eQSL, [ClubLog's OQRS](#), or via [OM2FY](#).
- \* **YL1ØØIARU** by the Latvian Amateur Radio League (LRAL). QRV on **April 1st-30th**. QSL via LoTW and <https://qsl.services/> (paper cards will not be issued).
- \* **YO1ØØIARU**, **YP1ØØIARU**, **YQ1ØØIARU** and **YR1ØØIARU** by the Romanian Amateur Radio Federation (FRR) QRV on **April 1st-30th**. A series of commemorative certificates is available for download on <https://hamlog.online>.

-[425DXN # 1770 April 5, 2025] (0404-0502)

**I, ITALY.** Members of ARI Acireale (IT9BTI, IT9CXY, IT9DNM, IT9EJW, IT9GAC, IT9JTM, IT9KQT, IT9KRQ and IT9QBZ) will be active as **ID9/IQ9BF** from Vulcano Island (EU-017) on **April 25th-27th**. They will operate SSB, CW and digital modes on 80-10 meters with three stations. All QSOs will be confirmed automatically via the bureau; direct cards via [ClubLog's OQRS](#).

-[425DXN # 1772 April 19, 2025] (0425-0502)

**JA, JAPAN.** Members of the Japan Amateur Radio League are QRV with special commemorative station **8K3EXPO** from the 2025 Expo in Osaka, Kansai **until October 13th**. Activity will be on all bands. In addition, station **JA3XPO** is also active. QSL via operators' instructions.

-[ARRL DX Bulletin # 16 April 17, 2025] (0418-0509)

**JD1/M, MINAMI TORISHIMA.** Take, JG8NQJ is QRV as **JG8NQJ/JD1** **until June 20th**. Activity is in his spare time on the HF bands using CW and FT8. QSL via [JA8CJY](#) (direct), JG8NQJ (bureau) and LoTW.

-[ARRL DX Bulletin # 16 April 17, 2025] (0418-0620)

**JD1/O, OGASAWARA.** Mitsu, JE1HXZ is QRV as **JD1BPG** from Hahajima Island (AS-031) **until May 5th**. Activity is on 160 to 10 meters using CW, SSB, FT8, and FT4. QSL to [JE1HXZ](#).

-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0509)

**JW, SVALBARD.** Arnold, DK1VK, will be QRV on Spitsbergen (EU-026) as **JW/DK1VK** from **April 29 to May 3**.

-[DXNL # 2453 April 9, 2025] (0425-0502)

**K, UNITED STATES.** Bruce, K5TEN, activates St. George Island, Florida (NA-085, FL007S) from **April 27th to May 4th** as **K4D** on 40-6m (CW, SSB). QSL direct via [K5TEN](#).

-[DXNL # 2455 April 23, 2025] (0425-0509)

**LX, LUXEMBOURG.** Special callsign **LX1ØØIARU** by the Radioamateurs du Luxembourg (RL), a founding member of IARU, celebrates the centenary of the International Amateur Radio Union **until July 31st**. QSL via [ClubLog's OQRS](#).

-[425DXN # 1769 March 29, 2025] (0328-0502)

**OE, AUSTRIA.** Special callsign **OE175ARWT** will be available for prefix hunters **until the end of May**.

-[DXNL # 2455 April 23, 2025] (0425-0530)

**OE, AUSTRIA.** Special event station **OE25M** will be activated to take part in the International Marconi Day (**April 26th**). QSL via OE1YPP (bureau) or direct to DokuFunk, OE25M, An den Steinfeldern 4A, 1230 Wien, Austria.

-[425DXN # 1772 April 19, 2025] (0425-0502)

**OK, CZECH REPUBLIC.** Special callsigns **OL1ØØIARU**, **OL1ØØI**, **OL1ØØA**, **OL1ØØR** and **OL1ØØU** by the Czech Radio Club celebrate the 100th anniversary of the International Amateur Radio Union from **April 15th to December 31st**. A certificate will be available, see <https://ol100iaru.cz/> for information. QSLs via LoTW.

-[425DXN # 1772 April 19, 2025] (0418-0509)

**ON, BELGIUM.** Celebrating the centenary of the International Amateur Radio Union (IARU), the local divisions of the Belgian IARU society (UBA) will activate 28 special event stations from **March 15th until May 15th**: **ON1ØØI**, **ON1ØØA**, **ON1ØØR**, **ON1ØØU**, **OO1ØØI**, **OO1ØØA**, **OO1ØØR**, **OO1ØØU**, **OP1ØØI**, **OP1ØØA**, **OP1ØØR**, **OP1ØØU**, **OQ1ØØI**, **OQ1ØØA**, **OQ1ØØR**, **OQ1ØØU**, **OR1ØØI**, **OR1ØØA**, **OR1ØØR**, **OR1ØØU**, **OS1ØØI**, **OS1ØØA**, **OS1ØØR**, **OS1ØØU**, **OT1ØØI**, **OT1ØØA**, **OT1ØØR**, and **OT1ØØU**. In addition, members of the UBA Board and HF Committee will be active as **OQØIARU** and **ORØIARU**. A series of certificates will be available, see <https://www.uba.be/en/news/uba-iaru-100-event> for the details and the OQRS for bureau cards (TBA soon).

-[425DXN # 1764 February 22, 2025] (0314-0516)

**OX, GREENLAND.** Arnold, DK1VK, puts Greenland (NA-018) on the air from **April 14th to 27th** as **OX/DK1VK**.

-[DXNL # 2453 April 9, 2025] (0411-0502)

**OZ, DENMARK.** Special callsign **OZ1ØØIARU** by the EDR, Denmark's IARU society, celebrates the centenary of the International Amateur Radio Union on **April 19th-27th**. An award will be available, see <https://www.qrz.com/db/OZ100IARU> for the details. QSL via [ClubLog's OQRS](#) (preferred), or via the

bureau to OZ1ACB.

-[425DXN # 1765 March 1, 2025] (0418-0502)

**P2, PAPUA NEW GUINEA.** Oystein, LAØCW is QRV as **P29CW** while here on work assignment. Activity is in his spare time on the HF bands, as well as various analog and FM Satellites. QSL via LoTW.

-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0516)

**P2, PAPUA NEW GUINEA.** Xu, BG5DON is QRV as **P29XZ** from Port Moresby (OC-034) **until May 1st**. Activity is on the HF bands. QSL via [EA5GL](#).

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0502)

**PA, NETHERLANDS.** Special event station **PC8ØTT** commemorates Rudolf Tappenbeck (PCTT), a Dutch amateur radio pioneer who was killed in a German concentration camp in 1944. QSL via [PI4LDN](#).

-[DXNL # 2455 April 23, 2025] (0425-0516)

**PA, NETHERLANDS.** Peter, PD1RP is QRV with special event station **PD8ØFREE** **until June 30th** to celebrate the 80 years of liberation since World War II. Activity is on 40, 20, 10, and 2 meters using CW, SSB, and digital modes. QSLs sent to all contacts via the bureau. No QSL or request needed.

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0627)

**PJ4, BONAIRE.** Chris, WA7RAR will be active as **PJ4CB** from Bonaire (SA-006) on **April 17th-27th**. He will operate SSB and CW on 20-10 meters, often from POTA sites. QSL via LoTW, QRZ Logbook, or direct to [WA7RAR](#).

-[425DXN # 1771 April 12, 2025] (0411-0502)

**SV, GREECE.** Special callsign **SZ1ØØIARU** by the Radio Amateur Association of Greece (RAAG) celebrates the centenary of the International Amateur Radio Union on **April 1st-30th**. Four certificates will be available: <https://sv2rck.gr/SZ100IARU>. QSL via the bureau or LoTW.

-[425DXN # 1768 March 22, 2025] (0328-0502)

**TA, TURKEY.** Special event station **TC3WRD** is active **until April 30th** to mark World Amateur Radio Day. QSL via LoTW.

-[ARRL DX Bulletin # 16 April 17, 2025] (0418-0502)

**TR, GABON.** Roland, F8EN is QRV as **TR8CR** **until mid-June**. Activity is on the HF bands using only CW. QSL direct to [F6AJA](#).

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0613)

**UA, EUROPEAN RUSSIA.** A very large number of Russian stations using special prefix **RP8Ø** will be QRV on **May 1st-9th** to mark the 80th anniversary of the end of World War II. More information on <https://logradio.ru/>.

-[425DXN # 1773 April 26, 2025] (0425-0509)

**V5, NAMIBIA.** Bernie, ZS4TX, will be active as **A21TX** from **April 26th to 30th**. QRV primarily on 2m and 70cm EME and via satellite RS-44. QSL via [PA3CMC](#) or LoTW.

-[DXNL # 2455 April 23, 2025] (0425-0502)

**V8, BRUNEI.** DJ, **V85NPV** has been active on 20 meters using CW around 1500z. QSL via [LZ2HI](#).

-[ARRL DX Bulletin # 16 April 17, 2025] (0418-0509)

**VE, CANADA.** Mark, VO1ONE/N8TLV will be active as **VYØSAT** from Gjoa Haven, King William Island (NA-131) from **April 30th to May 3rd**. He will be active on satellite (both linear and FM, no digital) and on 20-10 meters, primarily SSB and FT8. Satellite passes will be announced on <https://hams.at/> and <https://x.com/vo1one>. QSL via LoTW and [N8TLV](#).

-[425DXN # 1772 April 19, 2025] (0425-0509)

**VK, AUSTRALIA.** Australian amateurs will mark ANZAC Day (**April 25th**) by switching **AX** into their prefix for the usual **VK**.

-[DXNL # 2455 April 23, 2025] (0425-0502)

**VP9, BERMUDA.** Look for Paul, **VP9KF** to be active again from Bermuda (NA-005) on **April 14th-28th**. He will operate CW only on various HF bands. See <https://vp9kf.com> for more information. He does not use LoTW or ClubLog. QSL direct to Paul Evans, 15 Watch Knob Lane, Swannanoa NC 28778, USA. -[425DXN # 1771 April 12, 2025] (0411-0502)

**VU, INDIA.** The Amateur Radio Society of India (VU2ZH) will celebrate the centenary of the International Amateur Radio Union by activating special callsign **VU1IARU** from **April 1st to June 29th**. ARSI has been a member society of IARU Region 3 since 1958. QSL via [VU2ZH](#). -[425DXN # 1768 March 22, 2025] (0328-0502)

**XE, MEXICO.** Special event station **4A1RBM** is QRV from the Mapimi Biosphere Reserve in Durango **until April 27th**. Activity is on the HF bands using all modes, as well as on various Satellites. QSL via LoTW. -[ARRL DX Bulletin # 17 April 24, 2025] (0425-0502)

**XE, MEXICO.** Special event call sign **4A1ØØIARU** is QRV **until April 30th** to commemorate the centenary of the IARU. Activity is on the HF bands using CW, SSB, SSTV, and various digital modes. QSL via [XE1SY](#). -[ARRL DX Bulletin # 15 April 10, 2025] (0411-0502)

**XU, CAMBODIA.** Thomas, DL7BO is QRV as **XU7O**. Activity is on the HF bands. His length of stay is unknown. QSL direct to [DL4WK](#). -[ARRL DX Bulletin # 16 April 17, 2025] (0418-0509)

**YB, INDONESIA.** Special callsign **8A1ØØIARU** by the Indonesian IARU society (Organisasi Amatir Radio Indonesia, ORARI) celebrates the 100th anniversary of the International Amateur Radio Union on **April 1st-30th**. Details of the award program will be published on <https://hamaward.cloud/awards>. QSL via [ClubLog's OQRS](#), or via [N2OO](#). -[425DXN # 1768 March 22, 2025] (0328-0502)

**YV, VENEZUELA.** Watch for **YV5KG** to be active from Los Roques (SA-035) on **April 25th-29th**. Reportedly, he will operate SSB, CW and FT8 on 80-6 meters. QSL via the bureau and LoTW. -[425DXN # 1773 April 26, 2025] (0425-0502)

**Z3, NORTH MACEDONIA.** Celebrating IARU's centenary, members of the Radioamateur Society of Macedonia (Z37RSM) will be active as **Z31ØØIARU** **until May 18th**. QSL via LoTW, eQSL, QRZ Logbook. -[425DXN # 1769 March 29, 2025] (0328-0516)

**ZL, NEW ZEALAND.** Special event station **ZL6ANZAC** will be active from the Wrights Hill Fortress in Wellington, New Zealand for ANZAC Day (**April 25th**). ANZAC Day commemorates the soldiers of the Australian and New Zealand Army Corps who fought in Gallipoli during World War I, and all Australians and New Zealanders who have served in war and peacekeeping operations. QSL via operator's instructions. -[425DXN # 1772 April 19, 2025] (0418-0502)

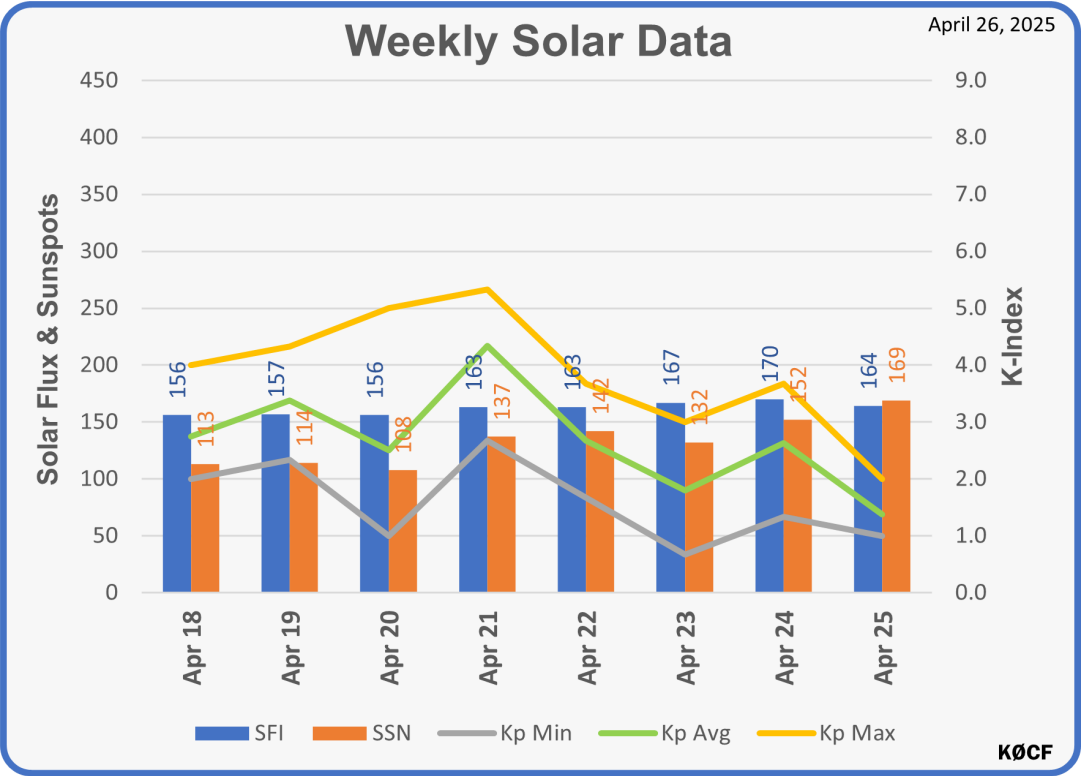
**ZP, PARAGUAY.** DK4TC, Tom, signs **ZP8/DL4TC** from Santa Rosa Misiones **during April and May**. QSL via Bureau, eQSL, LoTW. -[DXNL # 2455 April 23, 2025] (0425-0530)

**ZS8, PRINCE EDWARD & MARION IS.** Yuris, YL2GM is QRV as **ZS8W** from Marion Island **until May 16th** while on work assignment. Activity is in his spare time on 160 to 6 meters using CW, SSB, and FT8. See <https://www.lral.lv/zs8w/> for more information. QSL via [ClubLog's OQRS](#), or direct to [YL2GN](#). -[ARRL DX Bulletin # 17 April 24, 2025] (0425-0516)

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## Propagation (Updated daily)





The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

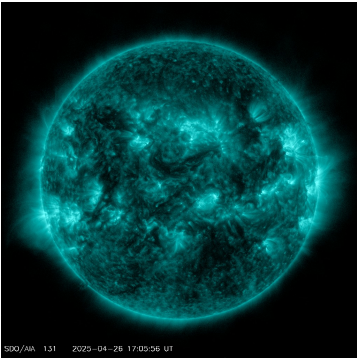
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

*Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.*

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



### Propagation Summary

For the 8 day period from Friday, April 18th through yesterday, April 25th.

The average solar flux was 163, up 7 points from the previous week, with a weekly high of 170 on Thursday, April 24th, following a low of 156 on April 20th.

The average sunspot count was 136, up 47 from last week, peaking at 169 on Friday, April 25th after a weekly low of 108 on April 20th.

The Planetary K-index weekly average was 3.9 with a maximum of 5.3 on Monday, April 21st, indicating a minor geomagnetic storm. Yesterday's K-index maximum was 2.0 with generally quiet conditions.

Solar flare activity since April 19th has been quiet with only 2 major flares, the largest of which was an M 1.9 event on Monday, April 21st.

Propagation Data

Major solar flares, Saturday, April 19th through 1358 UTC, April 26th.

#	Date	UTC	Mag.
1	Apr 22	1049	M 1.3
2	Apr 21	1837	M 1.9

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Apr 26	40%	1%	170
Apr 27	40%	1%	170
Apr 28	40%	1%	165

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on April 21, 2025).

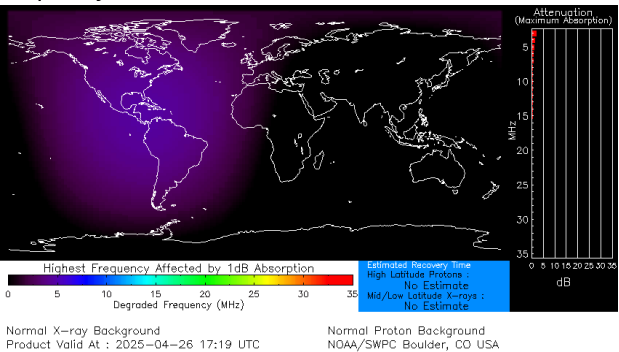
Date	Flux	Kp
Apr 26	165	3
Apr 27	165	3
Apr 28	170	2
Apr 29	170	2

Date	Flux	Kp
Apr 30	170	2
May 1	170	5
May 2	175	6
May 3	170	4

Date	Flux	Kp
May 4	165	4
May 5	165	5
May 6	165	5
May 7	160	5

Global D Region Absorption

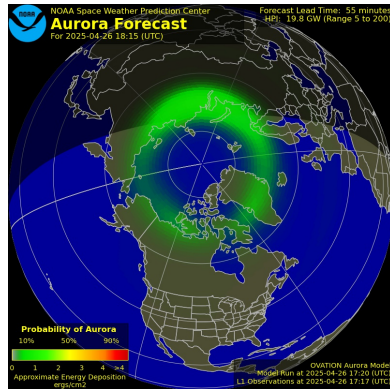
Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio

propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by "back-scatter" and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of aurora versus time:



## Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

## A Dozen Sunspot Groups

Today, there are [twelve sunspot groups](#) on the solar disk. That's a large number. However, they all have stable magnetic fields that pose little threat for strong flares. Solar activity should remain low throughout the weekend.

(Copyright © [SpaceWeather.com](#) April 26, 2025. Republished by permission.)

## Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.qsl.net/propagation/>

## A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

-[Compiled from information on NOAA.gov and other sources]

## Contest Calendar

### Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	<a href="#">Rules</a>
ICWC Medium Speed Test	Monday	1300Z	1400Z	<a href="#">Rules</a>
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	<a href="#">Rules</a>
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	<a href="#">Rules</a>
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	<a href="#">Rules</a>

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

### Full Calendar

Contest	Start		End		Web Site
Florida QSO Party	Apr 26	1600Z	Apr 27	2159Z	<a href="#">Rules</a>
7th Call Area QSO Party	May 3	1300Z	May 4	0700Z	<a href="#">Rules</a>
Indiana QSO Party	May 3	1600Z	May 4	0400Z	<a href="#">Rules</a>
Delaware QSO Party	May 3	1700Z	May 4	2359Z	<a href="#">Rules</a>
New England QSO Party	May 3	2000Z	May 4	2400Z	<a href="#">Rules</a>
His Maj. King of Spain Contest, CW	May 17	1200Z	May 18	1200Z	<a href="#">Rules</a>
Arkansas QSO Party	May 17	1400Z	May 18	0200Z	<a href="#">Rules</a>
<b>CQ WW WPX Contest, CW</b>	May 24	0000Z	May 25	2400Z	<a href="#">Rules</a>
Kentucky QSO Party	Jun 7	1300Z	Jun 8	0100Z	<a href="#">Rules</a>
<b>ARRL Inter. Digital Contest</b>	Jun 7	1800Z	Jun 8	2400Z	<a href="#">Rules</a>
ARRL June VHF Contest	Jun 14	1800Z	Jun 16	0300Z	<a href="#">Rules</a>
Stew Perry Topband Challenge	Jun 21	1500Z	Jun 22	1500Z	<a href="#">Rules</a>
West Virginia QSO Party	Jun 21	1600Z	Jun 22	0400Z	<a href="#">Rules</a>
ARRL Kids Day	Jun 21	1800Z	Jun 21	2359Z	<a href="#">Rules</a>
His Maj. King of Spain Contest, SSB	Jun 28	1200Z	Jun 29	1200Z	<a href="#">Rules</a>
<b>ARRL Field Day</b>	Jun 28	1800Z	Jun 29	2100Z	<a href="#">Rules</a>

RAC Canada Day Contest	Jul 1	0000Z	Jul 1	2359Z	<a href="#">Rules</a>
<b>IARU HF World Championship</b>	Jul 12	1200Z	Jul 13	1200Z	<a href="#">Rules</a>
North American QSO Party, RTTY	Jul 19	1800Z	Jul 20	0600Z	<a href="#">Rules</a>
CQ Worldwide VHF Contest	Jul 19	1800Z	Jul 20	2100Z	<a href="#">Rules</a>

-[Contest data courtesy of the [WA7BNM Contest Calendar](#) ]